

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/053495

A CLASSIFICATION ATTACHED TO THE SEARCH REPORT  
C07D1/00 A61K9/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
C07J A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical search terms used)  
EPO-Internal, WPI Data, PAJ, EMBASE

## C DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document with indication where appropriate, of the relevant passages	Relevant to claim No
A	US 5 482 934 A (CALATAYUD ET. AL.) 9 January 1996 (1996-01-09) cited in the application column 14, line 63 - column 15, line 7; examples 7,8 -----	1-20
A	US 6 392 036 B1 (KARLSSON ET. AL.) 21 May 2002 (2002-05-21) column 3, line 8 - line 32; claims; examples column 5, line 15 - line 28 -----	1-20
A	WO 03/086347 A (CHIESI PHARMACEUTICI S.P.A.) 23 October 2003 (2003-10-23) page 8, line 13 - line 16; claims; examples -----	1-20
	- / - -	

☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex

### Special categories of cited documents

- A document defining the general state of the art which is not considered to be of particular relevance
- E earlier document but published on or after the international filing date
- L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- O document referring to an oral disclosure, use, exhibition or other means
- P document published prior to the international filing date but later than the priority date claimed

- T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- X document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- Y document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents such combination being obvious to a person skilled in the art
- & document member of the same patent family

Date of the actual completion of the international search

16 February 2006

Date of mailing of the international search report  
2 a 03 2006

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## INTERNATIONAL SEARCH REPORT

Inventor Application No

PCT/EP2004/053495

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GORDON DENT: "Ciclesonide" CURRENT OPINION IN INVESTIGATIONAL DRUGS <sub>5</sub> vol . 3, no. 1, 1 January 2002 (2002-01-01) , pages 78-83, XP001179540 the whole document	1-20
P <sub>5</sub> X	wo 2004/004739 A (TEIJIN) 15 January 2004 (2004-01-15) claims ; examples	1-20
X	wo 01/28562 A (TEIJIN) 26 April 2001 (2001-04-26)  page 5, line 14; claims; table 2	21-23, 25-27, 29,31, 33,35, 36,39-41
X	wo 02/083113 A (DEY, L.P.) 24 October 2002 (2002-10-24)  -page 19, line 12 - page 27, line 20; claims ; examples	21,22, 25-33, 35,36, 38-41
X	DE 101 45 361 A (PARI GMBH) 3 April 2003 (2003-04-03)  page 6, line 14 - page 7, line 57; claims ; examples	21,24, 27, 31-37, 39-41
P,X	US 2004/023935 A1 (BANEROEE ET. AL.) 5 February 2004 (2004-02-05)  page 4, paragraph 51 - page 7, paragraph 78; claims	21,22, 25-33, 35-41
P,X	wo 2004/054545 A (CHIESE FARMACEUTICI) 1 July 2004 (2004-07-01)  page 15, line 20 - page 19, line 6; claims ; examples	21,24, 27, 31-36, 39-41

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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 39,40(part)  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claims 39 and 40 are directed to a method of treatment of the human/animal body (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-20

Process for preparing sterile suspensions of ciclesonide by use of an autoclave  
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2. claims: 21-41

Sterile ciclesonide suspensions characterised by presence of non-ionic excipients or by particle size  
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/053495

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5482934	A	09-01-1996	AT 402930 B	25-09-1997
			AT 176991 A	15-02-1997
			AU 649472 B2	26-05-1994
			AU 8368691 A	12-03-1992
			BE 1005876 A5	22-02-1994
			BR 1100860 A3	31-08-1999
			CA 2050812 A1	08-03-1992
			CH 683343 A5	28-02-1994
			DE 4129535 A1	12-03-1992
			DE 122005000030 I1	06-10-2005
			ES 2034893 A1	01-04-1993
			FR 2666585 A1	13-03-1992
			GB 2247680 A	11-03-1992
			GR 91100353 A	11-09-1992
			HK 1005881 A1	29-01-1999
			IT 1251376 B	09-05-1995
			JP 3292928 B2	17-06-2002
			JP 4257599 A	11-09-1992
			LU 88001 A1	01-06-1992
			NL 9101472 A	01-04-1992
			PT 98897 A	31-07-1992
US 6392036	B1	21-05-2002	AT 259642 T	15-03-2004
			AU 744992 B2	07-03-2002
			AU 1266699 A	07-06-1999
			BR 9814118 A	03-10-2000
			CA 2310222 A1	27-05-1999
			CN 1285750 A	28-02-2001
			DE 69821796 D1	25-03-2004
			DE 69821796 T2	13-01-2005
			DK 1032396 T3	24-05-2004
			EP 1032396 A1	06-09-2000
			ES 2214749 T3	16-09-2004
			HK 1030549 A1	03-09-2004
			IL 136086 A	17-05-2005
			JP 2001523638 T	27-11-2001
			NO 20002470 A	05-07-2000
			NZ 504273 A	25-10-2002
			PT 1032396 T	30-06-2004
			WO 9925359 A1	27-05-1999
			ZA 9810217 A	14-05-1999
WO 2003086347	A	23-10-2003	AU 2003227627 A1	27-10-2003
			BR 0304821 A	15-06-2004
			CA 2481520 A1	23-10-2003
			CN 1652748 A	10-08-2005
			EP 1494647 A1	12-01-2005
			HR 20040964 A2	28-02-2005
			IT MI20020808 A1	17-10-2003
			MA 27194 A1	03-01-2005
			US 2005175546 A1	11-08-2005
WO 2004004739	A	15-01-2004	AU 2003245043 A1	23-01-2004
			BR 0312377 A	12-04-2005
			CA 2491724 A1	15-01-2004
			CN 1665517 A	07-09-2005
			EP 1519734 A1	06-04-2005
			JP 2005535656 T	24-11-2005

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International / Application No

PCT/EP2004/053495

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
wo 0128562	A	26-04-2001	AT 285779 T	15-01-2005
			AU 781895 B2	23-06-2005
			AU 7953100 A	30-04-2001
			BG 106512 A	29-12-2002
			BR 0014878 A	11-06-2002
			CA 2388322 AI	26-04-2001
			CN 1379674 A	13-11-2002
			CZ 20021238 A3	17-07-2002
			DE 60017175 DI	03-02-2005
			DE 60017175 T2	29-12-2005
			EP 1225902 AI	31-07-2002
			ES 2234681 T3	01-07-2005
			HR 20020346 A2	29-02-2004
			HU 0203339 A2	28-02-2003
			JP 2003512329 T	02-04-2003
			MX PA02003974 A	25-09-2003
			NO 20021898 A	22-04-2002
			NZ 518298 A	28-11-2003
			PL 356191 AI	14-06-2004
			PT 1225902 T	31-05-2005
			SK 6922002 A3	10-09-2002
			TR 200200841 T2	22-07-2002
			TW 225788 B	01-01-2005
			US 6767901 BI	27-07-2004
			ZA 200203077 A	17-12-2002
wo 02083113	A	24-10-2002	CA 2444535 AI	24-10-2002
			EP 1385494 A2	04-02-2004
			JP 2005512944 T	12-05-2005
			US 2002183293 AI	05-12-2002
			US 2003055026 AI	20-03-2003
DE 10145361	A	03-04-2003	NONE	
US 2004023935	AI	05-02-2004	NONE	
wo 2004054545	A	01-07-2004	AU 2003294879 AI	09-07-2004
			BR 0316908 A	18-10-2005
			CA 2510263 AI	01-07-2004
			EP 1572153 AI	14-09-2005
			HR 20050546 A2	31-10-2005